Plan load factor of Thermal Power Plants

222. SHRI S. MADHAVAN: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that the Thermal plants in India work, with low plant load factor as compared to similar plants in Europe and U.S. A.;

(b) whether Indian Thermal plants could achieve and improve their plant load factor and improve the generating capacity through better plant manage ment; and

(c) if so, what steps are being taken to achieve this? THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI P. V. 3AYYA NAIDU); (a) to (c) some Thermal Power Station in dia are operating at a PLF comparable plants in Europe and U.S.A. some others are operating at a lower PLF The Plant Load Factor depends upon various factors such as system load conditions, supply of adequate quality and quantity of cool, unscheduled forced outage of the units etc For Thermal Power Stations operating at low PLF a programme of Renovation and Moderni sation was taken up during the 7th Plan as Phase-I which has since been complet ed. Encouraged by the results of Phase I, a programme has been undertaken during 8 th Five Year Plan a1so under Phase II. Other steps taken for optimum utilisa tion of the installed capacity in the country include assistance to Electricity Boards in undertaking plant betterment programmes, supply of requisite quantity and maintenance personnel and streng- and maintenance personnel and streng thening of Transmission and Distribution System.

Foreign proposals to gear up power sectors in the country

223. SHRI S. S. AHLUWALIA: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that at least half a dozen major foreign proposals particularly from Germany and Japan for gearing up power sectors haw been received by Government;

(b) if so, what are the detail thereof;

(c) whether Government have accepted these proposals; and

(d) if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRl P. V. RANGAYYA NAIDU): (a) and (b) Following proposals have been received for setting up power plants in private sector by joint venture companies having association with firms from Germany and Japan.

(i) Umred Thermol Power Station (1000 MW), Maharashtra, proposed by Nippon Denro Ispat Ltd. (a company promoted by Ispat Growp and Ispat Alloys Ltd. and Mitsui *& Co.* Ltd., Japan).

(iii) Jayatnkondam Lignite Power project (1500 MW), Tamil Nadu proposed by Jayamkondam Lignite Power Corporation, a joint venture if Tamil Nadu Industrial Development Corporation Ltd. (TIDCO) and McNally Bharat Bigg. Co. Ltd. (MBE), MBE have formed a consortium with some German Companies for implementing the project.

"(c) and (d) Both the firms have been asked to submit details of financing and feasibility of these projects.

देश में डीजल पर आधारित विद्युत संयंत्रों की स्थापना

224. श्री राम सिंह राठवा : क्या विद्युत मंत्री यह बताने की कृपा करेंगे कि :

(क) क्या सरकार ने विद्युत-उपलब्धता वाले स्थानों पर डीजल पर आधारित विद्युत संयंत्र स्थापित किये जाने का निर्णय ले लिया था ;

(ख) यदि हां, तो इस संबंध में क्या प्रगति हुई है ;

(ग) क्या यह सच है कि सरकार द्वारा समयबद्ध कार्यक्रम नहीं बनाया गया है ; और

(घ) यदि नहीं, तो तत्संबंधी ब्यौरा क्या है ?

विद्युत मंत्रालय में राज्यमंत्री (श्री पी.वी. रंगैया नायडू) : (क) से (घ) डीजल आधारित विद्युत संयंत्रों से उत्पादित विद्युत की लागत कोयला, जल तथा गैस पर आधारित विद्युत संयंत्रों की तुलना में अधिक होती है। अत: डीजल पर आधारित स्कीमों पर विचार मामले दर-मामले की वरीयता के आधार पर किया जाता है तथा ऐसे स्थानों के मामलों में ही अनुमोदन दिया जाता है जहां पर बिजली की बहुत अधिक कमी होने की प्रत्याशा हो तथा सस्ती बिजली उपलब्ध होने से कम अवसर हों। जिन डीजल आधारित विद्युत संयंत्रों को हाल ही में स्वीकृत किया गया तथा तकनीकी-आर्थिक स्वीकृति प्रदान की गई उनका ब्यौरा नीचे दिया गया है:—

स्कीम का नाम/स्थान	राज्य
(क) स्वीकृत	
1. येलाहांका में डीजी संयंत्र— 120 मे0वा0	कर्नाटक
2. कोलार, बीदर जामखंडी तथा इंदी-77.76 मे०वा० (चार स्थानों में प्रत्येक 19.44 मे०वा०) डीजी संयंत्र	कर्नाटक
1	2
(ख) के.वि.प्रा. द्वारा तकनीकी-आर्थिक दृष्टि से स्वीकृत	
3. कसारगोडा में डीजी संयंत्र- केरल 60 मे०वा०	
4. ब्रह्मपुरम में डीजी संयंत्र— केरल 100 मे०वा०	

Clearance of power projects launche by Pvt. Sectors Multinationals NRI sponsored companies

225. SHRI SUSHILKUMAR SAMBHAJIRAO SHINDE;
SMT. VEENA VERMA:
SHRI RAJNI RANJAN SAH

Will the Minister of POWER pleased to state:

(a) whether any private sector pov projects. including those launched multinational companies and NRI sp have been cleared during the I three months since April, 1993; and

(b) if so, the details thereof, indica the additional generating capacity, li to arise thereby, alongwith the result per capita availablity in the diffe States andn territories as against the India figure?

THE MINISTER OF STATE IN MINISTRY OF POWER (SHRI P. RANGAYYA NAIDU); (a) and (b) following private sector power pro have been cleared from foreign in ment and since April, 1993:

S. No.	Name of Project	Capacity (MW)	Provisional Est. Cost. (Rs. Crores)	Name of Company
1	Jegurupade GBPP Andhra Pradesh	172	675	GVK Industries Ltd.
2	Kakinada GBPP Andhra Pradesh	200	655	Spectrum Power Mene Ltd.
3	Mangalore TPS Karnataka	1000	2000	Cogentrix Inc., USA
4	Ib Valley TPS Orissa	420	1000	AES Corpn., USA